MENT BOOK

Dimensions			Conte	ference o last sureme
ngth 4	Breadth 5	Depth 6	7	8
			Total Rs: 27,594/-	
			IT - 27594 - 00	
			Cess. 27594 - 00	
			CBF - 2759 - 00	
			L.R. 28422 - 00	
			Fine. 16100 - 00	
			CGST. 27594 -	
			SGST - 27594 -	
			Addn. 157657 -	
			Charges 26,01,754 -	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355116

Final No. 1st & Final

Name of Work ... Improvements to Road From drains at Thanisandra Inward No.06, To

Name of Contractor of nature of Agency ... Byatarayanapura Sub division

Date of commencement of work ...

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of Contractor : Sri. V. Chandrappa						
	Work Code : 006 - 15 - 000004						
	Work order : EE/H/BTP/WC0/107/2018-19						Date: 07/09/2018
	Estimate cost Rs : 20.00 Lakhs						
	Date of completion :						
	1. Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	trenches 1.5m and above in width, in Hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications. Qty vide Page NO. 355170/2 of TMB					233.40 Cum	
	@Rs 261.95					Rs	61139.00
INO. 02.	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kg, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.57 cum machine mixed concrete laid in layers not exceeding 150mms, thick, well compacted, in foundation and plinth, including cost of						

M. A.
Mea

rial No. .....
me of Work ..... From.
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number
	2	3
	all materials, labour, HOR specifications. Qty vide Page NO. 3551	
	@Rs 4	
TNO. 03	Providing and constructing in foundation with cem in courses not less than 5 in each course includin complete as per specificatio Qty vide Page NO. 355	

BOOK

ons		Contents	Reference to last Measureme
readth 5	Depth 6	7	8
, in Hard Soil not ing dressing the bottom tacking the Excavated on with lead upto 50m, as per Specifications of THB		233.40 Cum Rs	61139.00
pplath Cement Concrete of 180 Kgs, with 40mm and Coarse aggregates @ 0.892 Cum machine mixed concrete 50cms, thick, as all orth, including cost of			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355117

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	all materials, labour, Hire of machinery, Curing complete as per Specifications Qty vide Page No.	355171/2			of THB	37.32 Cum	
	@Rs 4793.72/-					Rs	178902.00
No. 23	Providing and Constructing granite / trap / basalt Size Stone masonry in foundation with cement mortar 1:6, Stone hammered dressed in courses not less than 20cms high, bond Stones at 1.50 m apart in each course including cost of materials, labour, curing complete as per specifications Qty vide Page No.	355171/2			of THB	17.55 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@Rs	3793.96/-			Rs	66584.00
IAC. 04.	Providing and constructing granite/trap/basalt size stone masonry in basement with cement mortar 1:6 edges of stones chisstle dressed in courses not less than 15cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as Per specifications Qty vide Page NO.	355	7.2			TMB 14.63	Sqm
		@ Rs	4498.51/-			Rs	65725.00
IAC. 05.	Providing and removing centering, shuttering, strutting, propping						

Full description, etc, of work

2

etc., and removal haunchings, cantilever 1m in depth incl Specifications. Qty vide Page NO.

Providing T.M.T steel straightening, cutting and/or welding

ENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
23.96 /-			Rs	66584.00
...ercte / trap / basalt Size Stone Cement mortal 1:6, edges of ourses not less than 15cms n. apart in each course , labour, cering complete as				
...			of TMB	14.63 Sq/m
492.51 /-			Rs	65725.00
ng, shuttering, strutting, propping				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355118

...ial No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

...te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	etc., and removal of form work for sides and soffits of beams beam haunchings, cantilever girders, bressumers and lintels not Exceeding 1m in depth including cost of all materials, labour complete as pa Specifications.						
	Qty vide Page No. 355174				of TMB	532.65	Sq/m
	@ Rs 257.42 /-					Rs	137115.00
No.							
9.	Bending T.M.T Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and anchoring to the adjoining members complete as per specifications and design. Qty vide Page NO.	355174/2			of TMB	6.18 wherever necessary	Tone
		@Rs 77487.97/-				....Rs	478888.00
IN0. 06.	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220Kgs, with 20mm & down six graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, etc., including cost of all materials, labour, Hire of machinery, curing complete as per specifications. Qty vide Page NO.	355173			of TMB	17.56 cum	91830.00
		@Rs 5229.52/-				....Rs	

M. A. B
Mea

...al No. .....
...me of Work ..... From.
...me of Contractor of nature of Agency .....
...e of commencement of work .....

te	Full description, etc, of work	Number
	2	3
NO. 07	Providing Flush pointing to metal 1:3, 20mm deep, of lining, including cost of Specifications. Qty vide Page NO.	3551
		@ Rs
NO. 08	Providing and laying in M20 with OPC cement @ graded granite metal	

T BOOK

sions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
needed design.		wherever necessary	
of TMB		6.18	Tone
97/-		. . . . Rs	478888.00
plain cement Concrete of @ 220Kgs, with 20mm & el coarse aggregates @0.84cum m machine mixed, etc., labour, Hire of machinery, etions.			
. of TMB		17.56	cum
521/-		. . . . Rs	91830.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355119

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
16/57	Providing Flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per Specifications. Qty vide Page No.	355173/2			of TMB	32.50	Sqm
	@ Rs 90.79/-				. . . .	Rs	2951.00
16/58	Providing and laying in position plain cement Concrete of mix M20 with OPC cement @320Kgs, with 20mm and down size graded granite metal coarse aggregates					@ 0.878cum and	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregates @0.45 cum etc., including cost of all materials, labour, HOM of machinery, curing complete as per Specifications						
	Thanisandra Rajanna Horne Road						
	RCC drain bottom slab LHS	1	12.60	0.75	0.15	1.42	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	13.40	0.75	0.15	1.51	
		1	30.00	0.75	0.15	3.38	
		1	11.70	0.75	0.15	1.32	
	Side wall	2	12.60	0.15	0.50	1.89	
		2	30.00	0.15	0.50	4.50	
		2	30.00	0.15	0.50	4.50	
		2	30.00	0.15	0.50	4.50	
		2	30.00	0.15	0.50	4.50	
		2	30.00	0.15	0.50	4.50	

M. A.
Me

...ial No. .....
...me of Work .....
...me of Contractor of nature of Agency .....
...te of commencement of work .....

...te	Full description, etc, of work		Number
	2		3
			2
			2
			2
			2
	Culvert slab	C1	1
		C2	1
		C3	1
		C4	1
		C5	1
			@R

IT BOOK

ensions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
including cost of all lay, curing complete as per			
0.75	0.15	1.42	
0.75	0.15	3.38	
0.75	0.15	3.38	
0.75	0.15	3.38	
0.75	0.15	3.38	
0.75	0.15	3.38	
0.75	0.15	3.38	
0.75	0.15	1.51	
0.75	0.15	3.38	
0.75	0.15	1.32	
0.15	0.50	1.89	
0.15	0.50	4.50	
0.15	0.50	4.50	
0.15	0.50	4.50	
0.15	0.50	4.50	
0.15	0.50	4.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355120

rial No. .....

me of Work ..... From..... To.....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work 2		Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	culvert slab	C1	2	30.00	0.15	0.50	4.50	
			2	13.40	0.15	0.50	2.01	
			2	30.00	0.15	0.60	5.40	
			2	11.70	0.15	0.60	2.11	
		C2	1	6.80	1.50	0.23	2.35	
			1	6.50	1.50	0.23	2.24	
		C3	1	6.20	1.50	0.23	2.14	
		C4	1	7.00	1.50	0.23	2.42	
		C5	1	6.50	1.50	0.23	2.24	
						Total	77.66	
					Qty ltd to		77.22	cum
			@Rs 5998.56/-				... Rs	463209.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
INCO. 10.	Lead for Disposal of debries shall be payable at carriage rates by mechanical means including loading and unloading. Qty same as item NO.I					233.40 cum	
	@ Rs 66.58/-					Rs	14874.00
INCO. 11.	Precast Slab 20mm and down Size for Slab including casting and Shuttering machine mixed Concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per Specifications. C.C. 1:1.5:3 including all cost of material.						
	Thanisandra Rajanna House Road LHS	1	12.60	0.75		9.45	
		1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	

M. A.
Me

rial No. .....
me of Work ..... From
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number
	2	3
		1
		1
		1
		1
		1
		1
		1

C&FC

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವ್ಯಾಪಾರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವ್ಯಾಪಾರಾಯನಪುರ ಉಪ ವಿ

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ವ್ಯಾಪಾರಾಯನಪುರ

T BOOK

nsions Breadth 5	Depth 6	Contents 7	Reference to last Measureme 8
		be payable at carriage rates ding and unloading.	
		233.40 cum	
		..... Rs	14874.00
		for Slab including centring Concrete laid in layers el compacted cost of achineries curing complete :3 including all cost of	
0.75		9.45	
0.75		22.50	
0.75		22.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355121

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C&FC	1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	
		1	13.40	0.75		10.05	
		1	30.00	0.75		22.50	
		1	11.70	0.90		10.53	
					Total	187.53	
				Qty ltd to		187.20	sqm
	@Rs 21001-					..... Rs	393120.00
						TOTAL	1954337.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATES:-						
	1. The Contractor has done the work satisfactorily.						
	2. There is no any departmental issues to the Contractor.						
	2. The Contractor has removed debries from the workplace.						

15/11/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

15/11/2018

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

M. A
N

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Numb
	2	3

15/11/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Thavisandra

ENT BOOK

imensions			Contents	Reference to last Measureme
th	Breadth 5	Depth 6	7	8
			work satisfactorily.	
			rmental issues to the contracto	
			oved debries from the workplace.	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

15/11/2018

N

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355122

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Rayanna House Road						
	Thavisandra main Road						

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

15/11/18

INDEX :-
RCC DRAIN

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

15/11/2018